

# The Anchorage Amateur Radio News Bulletin

October, 1993

Anchorage Amateur Radio Club Newsletter  
Editor - Harvey Rookus, NL7DK

Vol. 22, No. 10

## FCC Changes The Business Content Guidelines

*As reported in the August 15, 1993 issue of the W5YI Report.*

### Part 97.113 Prohibited Transmissions

(a) No amateur station shall transmit:

(1) Communications specifically prohibited elsewhere in the Part;

(2) Communications for hire or for material compensation, direct or indirect, paid or promised, except as otherwise provided in these rules;

(3) Communications in which the station licensee or control operator has a pecuniary interest, including communications on behalf of an employer. Amateur operators may, however, notify other amateur operators of the availability for sale or trade of apparatus normally used in an amateur station, provided that such activity is not conducted on a regular basis.

(4) Music, using a phone emission, except as specifically provided elsewhere in this Section; communications intended to facilitate a criminal act; messages in codes or ciphers intended to obscure the meaning thereof, except as otherwise provided herein; obscene or indecent words or language; or false or deceptive messages, signals or identification.

(5) Communications, on a regular basis, which could reasonably be furnished through other radio services.

(b) An amateur station shall not engage in any form of broadcasting, nor may an amateur station transmit one-way communications except as specifically provided in these rules; nor shall an amateur station engage in any activity related to program production or newsgathering for broadcasting purposes, except that communications directly related to the immediate safety of human life or the protection of property may be provided by amateur stations to broadcasters for dissemination to the public where no other means of communication is reasonably available before or at the time of the event.

(c) A control operator may accept compensation as an incident of a teaching position during periods of time when an amateur station is used by that teacher as a part of classroom instruction at an educational institution.

(d) The control operator of a club station may accept compensation for the periods of time when the station is transmitting

telegraphy practice or information bulletins, provided that the station transmits such telegraphy practice and bulletins for at least 40 hours per week; schedules operations on at least six amateur service MF and HF bands using reasonable measures to maximize coverage; where the schedule of normal operating times and frequencies is published at least 30 days in advance of the actual transmissions; and where the control operator does not accept any direct or indirect compensation for any other service as a control operator.

(e) No station shall retransmit programs or signals emanating from any type of radio station other than an amateur station, except propagation and weather forecast information intended for use by the general public and originated from United States Government stations and communications, including incidental music originating on United States Government frequencies between a space shuttle and its associated Earth stations. Prior approval for shuttle retransmissions must be obtained from the National Aeronautics and Space Administration.

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## From The September Minutes

By: NL7NN, Susan Woods

The meeting was brought to order by our President, Richard Mote, AL7MO. Introductions were made.

Bob Baker, NL7UH, is taking reservations for the Flea Market Banquet. He can be reached at 345-4692. the banquet will be held at the Ramada Northern Lights Inn, 598 West Northern Lights, on Saturday the 25th of September at 7 PM.

Lillian Marvin, NL7DL, can provide ARES applications to anyone who is interested, she also has applications for YLRL. Flea Market will be held in the old Sports West location at the Dimond Center Mall, on Saturday and Sunday, September 25th and 26th. She still needs many volunteers to help in the areas of advertising, set up, tear down, etc. If you can give some time, please contact Lilly at 277-6741.

Set up for the Flea Market will begin at Noon on Friday, the 24th of September. Anyone with a pickup type or larger truck, who has the time, is asked to meet at the Fur Rendezvous warehouse, behind Bean's Cafe, in order to help load tables and chairs, and transport them to the site.

The annual Flea Market "Flyer Party" will be held next Tuesday, September 7th at 7:30 PM. The home of Harvey Rookus, NL7DK, is located at 3310 Checkmate.

Potters' Marsh clean up will be held on Saturday, the 11th of September. Work will begin promptly at 8 AM. After work is done, there will be a Tailgate Party hosted by both Arlene and Harley Steward.

Mr. Ken Asplund, the Municipality's Emergency Operations Manager, presented the Mayor's Award for Public Service, to each of the thirty-six Hams who provided "Exceptional support of the August 6, 1993 Community Mass Casualty Exercise".

Bimji Menard, KL7NG, as well as her husband, George, KL7BW, will be going to Antarctica in October with Col. Norman Vaughan, to provide communications support for the group. Bimji, in a letter, made a request, and asked the AARC to purchase one or two HF transceivers (Kenwood TS50s or the like) for the trip. Afterwards, the transceivers would be returned to the Club for raffling at a later date. A one person committee was appointed to look

into the possibility and report back to the board.

This year, the ARRL books that will be sold at the Flea Market must be paid for in advance. AL7IM made the motion to approve spending \$2,322 for the purchase of ARRL books. NL7AB seconded the motion. Merle Beller, AL7LD, our ARRL Section Manager, mentioned that we had ought to be careful about those books that Mary Lewis, our ARRL NW Division Director, adds to our shipment, as they are usually are out of date, and can not be sold elsewhere. The motion was approved by the membership of the Club.

After a short break, Gene Mockerman, KL7GID, spoke about the trip he took to Bilibino, in the Russian Far East. Gene went with a group from the US Nuclear Regulatory Commission, at the request of the Alaska Department of Emergency Services. His job was to help establish a communications link between the local Hams, in the area of Bilibino, and the Hams in Alaska, the purpose is to provide faster emergency response in Alaska, so there can be some forewarning in case there is ever

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a nuclear disaster at the plant in Bilibino.

The official route of information travel would go from Bilibino, to Moscow, to Vienna, to Washington DC, to San Francisco, and finally to Alaska. He was able to make contact on 40 meters, but 20 meters was not possible. After his initial introduction to Customs, and the loss of the TS140 transceiver, everything went well. On the way back through Magadan, the radio was returned to him!! Thank you Gene, for a very interesting account!!

The AARC has been looking into the possibility of getting a 40 foot trailer to store the club's electronic gear. The location of this storage van would be at the Municipality of Anchorage's Fire Training Center, which is between Alaska Regional Hospital and Merrill Field. The cost of obtaining a Conex would be \$2,600. The motion to approve the purchase was made by Merle Beller, AL7LD. John Ziv, NL7YM, seconded the motion. After some discussion, the motion was approved by the membership.

The Saturday VE testing session [Editor's note: sponsored by our fellow amateur radio club, the South Central Radio Club] will be on the second Saturday of each month. The raffle prizes were awarded, the meeting was adjourned, and the socializing continued at the Frontier Restaurant on Tudor Road.

Respectfully submitted by,  
Susan J. Woods, NL7NN,  
Secretary, AARC, Inc.

## From The September Board Minutes

By NL7NN, Susan Woods

Board members present were: AL7MO, Pres; AL7NK, VP; NL7NN, Sec; NL7NC, Treas; NL7VR, Act. Man; KL7YF, AL7BB, NL7DL, WL7BF, AL7MM, WL7EC, AL7PB, AL7KK, and KL7ITI, Trustee. Others present were: AL7LD, SM; KL7IKX, VHF Com; and KL7HFQ, VEC Chairman. Paul, WL7BF, was called away to work unexpectedly just as the meeting was about to begin.

October's program at the general meeting will be a roundtable question and answer session concerning the relaxing of business communication rules by the FCC, and how that relates to repeater conduct. [Editor's note: see the related article on the changes in Part 97.133 elsewhere in the newsletter]

As of today, the club is solvent. \$6,528 in the regular checking account. \$12,244 in the bond account at Shearson-Lehman. \$12,415 in the money market account. \$18,421 in the Life Member account.

The professional services of Nancy Adams, CPA, have been retained by the AARC to straighten out our problem with the IRS. She has been in practice in Anchorage since 1964, and has a good bit of experience working with both non-profit organizations, as well as charitable gaming.

The VHF committee has many irons in the fire, all of which are in various stages of completion.

There was plenty of debate about

the changes in the number of VE's required to give Novice exams and the way it will affect rural Alaska.

The membership committee reports that we have 414 members in good standing.

Flea Market is coming along well, the flyers have been mailed, the handbills are beginning to appear in various locations. Fur Rondy has graciously lent us tables and chairs again this year, set up will begin promptly at noon on Friday at the Fur Rondy warehouse, cash boxes will be gotten, we may, or may not be able to have a concession stand this year, WL7BF will provide security on both Friday and Saturday nights, there will be some advertising and promotion of the event.

A motion was made by Billy Capers, AL7BB, to purchase two (2) eight-hour video tapes. They are put out by the ARRL, and are a teaching tool for the No-Code Technician Class License. The AARC Board was asked by two teachers in the Anchorage School District, who are both Hams, if these tapes could be bought by the club for their use. The tapes would remain in the possession of the AARC, and would be loaned out as needed.

The meeting adjourned about 9 PM.

Respectfully submitted,

Susan J. Woods, NL7NN  
Secretary, AARC, Inc.



## FINAL CLEANUP DAY THANKS

Once again Thanks go to those who helped CleanUp the Seward Highway alongside Potter's Marsh, on September 11, 1993.

Those who helped were KL7VC - Fred; NL7WC - Jana, with two good friends; AL7JK - John; KL7YF - Rick; NL7DL - Lil; AL7MO - Richard; KL7GIU - Marge with her very helpful Grandson; NL7DK - Harvey; KL7PG - Harold; KL7IZZ - Harley; KL7HO - Arlene and WL7KJ - Tom.

And a big THANK YOU goes to Harley and Arlene for Ramrodding this Cleanup during the year and furnishing us with goodies afterwards.

If I have missed anyone who helped please accept my humble apologies. The next cleanup will be next May. Don't miss out on the fun next year!!!

Harvey Rookus,  
NL7DK - Editor

## AUGUST VEC REPORT FOR ALASKA

	Call	From	To
<b>Anchorage</b>			
James D. Adkinson Sr.		No License	NC Technician
Thea L. Dowling (15 years old)		No License	NC Technician
Claire A. Hadfield		No License	NC Technician
Mark A. Hueiskoetter		No License	NC Technician
Arthur T. Kohler (82 years old)		No License	NC Technician
Peter C. Marsh	WL7CCN	Advanced	Amateur Extra
Patricia J. Nightingale		No License	NC Technician
Dennis E. Nobles		No License	NC Technician
Michael C. Puckett		No License	NC Technician
J. Daniel Roach	NL 7TD	Advanced	Amateur Extra
James D. Wiedle		No License	NC Technician
<b>Byers Lake</b>			
Jacqueline M. Andrews		No License	NC Technician
Christopher B. Brandt		No License	NC Technician
John P. Curran		No License	NC Technician
Donald M. Fanning (19 years old)		No License	NC Technician
Melvin T. Jennings		No License	NC Technician
Cordel T. Lucia		No License	NC Technician
Catherine I. Gihler-Moore		No License	NC Technician
David D. Ochoa		No License	NC Technician
<b>Fairbanks</b>			
Michael E. Hofer		No License	NC Technician
Helen M. Lafaver		No License	NC Technician
David E. Nichols (15 years old)		No License	NC Technician
<b>Hatcher Pass</b>			
Kim L. Sondergard	WL7CP	General	Advanced
Karl A. Wurlitzer	KL7UPS	General	Advanced
<b>Juneau</b>			
Robert W. Hughes	KL7EA	HF Tech	General
Note (N.C. Technician= No Code Technician) (H.F. Technician=Technician with H.F. Privileges) submitted by Roger Hansen, KL7HFQ, VEC Director			

## SILENT KEY KL7JKW

KL7JKW - Del Hanrath, an Honorary Club Member, and Good Friend, became a Silent Key, 20 Aug 1993 at 2:00 AM. Del was in Providence Hospital being treated for a Bacterial Infection when he succumbed to a stroke. Del and Rosemary have put in thousands of hours helping the Iditarod and monitoring many climbers on Mt. McKinley.

Del, you will be greatly missed! Let's all send a card to Rosemary with our prayers and support. Rosemary Hanrath-KL7LA, HC 89 Box 484, Willow, AK 99688.

73's From NL7DK

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Such retransmissions must be for the exclusive use of amateur operators. Propagation, weather forecasts, and shuttle retransmissions may not be conducted on a regular basis, but only occasionally, as an incident of normal amateur radio communications.

(f) No amateur station, except an auxiliary, repeater or space station, may automatically retransmit the radio signals of other amateur stations.



## Rubberducks

For those users who are using the proverbial "rubber duck" antenna, here is a list of the typical LOSS of signal under different conditions. Remember that for every 3 db loss, you lose HALF OF YOUR POWER.

Typical Body Loss Antenna's	146Mhz	446Mhz
Hand Held, Vertical		-9db
Quarter Wave	-3db	-10db
Telescopic Helical	-8db	-14db
Hand Held, angled		
Quarter Wave		-18db
Telescopic Helical	-12db	-24db
Belt Clipped		
Quarter Wave		-14db
Telescopic Helical retracted	-38db	-40db
Telescopic Helical extended	-22db	-14db
Typical Building Loss		
Office and High Rise	-30db	-24db
Shopping Centers	-20db	-20db
Frame Construction	-3db	-3db
Typical Shielding Loss		
3" Concrete Block Wall	-6 to -8db	-6 to -8db
6" Solid Concrete Wall or floor without steel reinforcing	-10 to -15db	-10 to -15db
Suspended Metal Walls	-20 to -40db	-20 to -40db
Corners or Narrow Passageways	-15 to -20db	-15 to -20db

So lay that handheld down on the seat beside you, connect a handheld mike, but don't use an outside antenna, then run low power, and wonder why the repeater, or simplex user has a problem hearing you?

Even holding the handheld up to your face, while trying to drive, watch for the other driver, and not miss any yellow, or red lights, and you're still pretty low in signal.

For the best results with your low power handhelds, PLEASE use an outside antenna, even a "rubber duck" mounted on a gutter or mag mount is better than the same antenna inside that "suspended metal walled" vehicle you're driving.

And start your call, or QSO at the HIGHEST POWER you have available, then switch to a lower power to see if you can maintain the contact. This gives the repeater, or simplex user the best chance of hearing you, and maintaining a good contact.

73 Doug KL7IKX

## October Calendar

General Meeting 1st  
Board Meeting 13th  
PARKA Meeting 23rd  
Lynne Duncan's Place

Sorry Folks, But We Couldn't Make It To The Flea Market With These Goodies So, If You Didn't Get To The Hamfest Either, Or Didn't Find What You Wanted There Then, Check Out These **SWAP N SHOP** Items

Bill Phifer, AL7IG has the following available for sale:

Kenwood TS-430S transceiver, PS-43 power supply, AT-250 tuner, MB-430 mobile bracket, \$950 or best offer. AEA PK88 packet controller, \$125, or best offer. HAL Telereader, CWR6850, \$150, or best offer. Robot 1200C, \$100, or best offer. Hygain Long John 105 BA-S and 155 BA-S five element 10 and 15 meter beams in unopened original boxes. Give Bill a call at (907) 243-0433.

George, NB4U, has the following for sale:

KENWOOD TS-450S-AT (w/ Tuner) Just purchased Jan, 1993, w/Speaker. Heath SB-200 LINEAR-1200 Watts PEP, 1000 Watts CW. RF Power Meter, Heath Model HM-102, Capacity, 0-200/2000 Watts. AC Power Supply, Heath Model HP-23A (For Heath SB-102). HF Mobile Antenna Set, Hustler, 15 thru 75 meters (10 meter resonator lost). Manuals with all items except Mobile Antenna equip.

Call George NB4U, Telephone 276-6566 for prices

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